

WHAT IS CLAIMED IS:

1. A color reproduction characteristic display apparatus for displaying color reproduction characteristics wherein an association between coordinates of a first color space defining a color on image data and coordinates of a second color space defining a color on an image are defined in accordance with a device for mediating between the image data and the image, said color reproduction characteristic display apparatus comprising:

an image display section for displaying a patch arrangement image in which there is arranged a plurality of patches associated with the coordinates of the first color space; and

a patch designation section for designating a desired patch from among the plurality of patches constituting the patch arrangement image displayed on said image display section in accordance with an operation,

wherein said image display section displays in addition to the patch arrangement image a coordinate value on the first color space associated with the patch designated by said patch designation section and information as to a distance between two coordinates on the second color space, said two coordinates being associated with said coordinate value and two sorts of devices as well.

2. A color reproduction characteristic display

apparatus according to claim 1, wherein said image display section further displays coordinate values of the two coordinates on the second color space.

5 3. A color reproduction characteristic display apparatus for displaying color reproduction characteristics wherein an association between coordinates of a first color space defining a color on image data and coordinates of a second color space defining a color on an image are defined in accordance with a device for mediating between the image data and the image, said color reproduction characteristic display apparatus comprising:

10 a distance range designation section for designating a distance range on the second color space in accordance with an operation; and

15 an image display section for displaying a patch arrangement image in which there is arranged a plurality of patches associated with the coordinates of the first color space, and in addition, with respect to each of a plurality of color patches constituting the patch arrangement image, for displaying information as to whether a distance between two coordinates on the second color space, said two coordinates being associated with said coordinate value and two sorts of devices as well, is within the distance range designated by said distance range designation section.

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4. A color reproduction characteristic display

apparatus for displaying color reproduction characteristics wherein an association between coordinates of a first color space defining a color on image data and coordinates of a second color space defining a color on an image are defined in accordance with a device for mediating between the image data and the image, said color reproduction characteristic display apparatus comprising:

an image display section for displaying a patch arrangement image in which there is arranged a plurality of patches associated with the coordinates of the first color space, and in addition, with respect to each of a plurality of color patches constituting the patch arrangement image, for displaying a coordinate value on the first color space associated with the patch designated by said patch designation section and information as to a distance between two coordinates on the second color space, said two coordinates being associated with said coordinate value and two sorts of devices as well, with numerical values in order of the distance.

5. A color reproduction characteristic display apparatus according to claim 4, wherein said image display section displays with numerical values coordinate values of the two coordinates on the second color space with respect to each of a plurality of color patches constituting the patch arrangement image.

6. A color reproduction characteristic display apparatus according to claim 1, wherein said image display section displays, as the patch arrangement image, images simulating color chart images for evaluation of color reproduction characteristics inputted or outputted by said two sorts of devices.

7. A color reproduction characteristic display apparatus according to claim 3, wherein said image display section displays, as the patch arrangement image, images simulating color chart images for evaluation of color reproduction characteristics inputted or outputted by said two sorts of devices.

8. A color reproduction characteristic display apparatus according to claim 4, wherein said image display section displays, as the patch arrangement image, images simulating color chart images for evaluation of color reproduction characteristics inputted or outputted by said two sorts of devices.

9. A color reproduction characteristic display program storage medium storing a color reproduction characteristic display program which causes a computer to operate as a color reproduction characteristic display apparatus for displaying color reproduction characteristics wherein an association between coordinates of a first color

space defining a color on image data and coordinates of a second color space defining a color on an image are defined in accordance with a device for mediating between the image data and the image, said color reproduction characteristic display program comprising:

an image display section for displaying a patch arrangement image in which there is arranged a plurality of patches associated with the coordinates of the first color space; and

10 a patch designation section for designating a desired patch from among the plurality of patches constituting the patch arrangement image displayed on said image display section in accordance with an operation,

wherein said image display section displays in
15 addition to the patch arrangement image a coordinate value on the first color space associated with the patch designated by said patch designation section and information as to a distance between two coordinates on the second color space, said two coordinates being associated
20 with said coordinate value and two sorts of devices as well.

10. A color reproduction characteristic display program storage medium storing a color reproduction characteristic display program which causes a computer to
25 operate as a color reproduction characteristic display apparatus for displaying color reproduction characteristics wherein an association between coordinates of a first color

space defining a color on image data and coordinates of a second color space defining a color on an image are defined in accordance with a device for mediating between the image data and the image, said color reproduction characteristic display program comprising:

a distance range designation section for designating a distance range on the second color space in accordance with an operation; and

an image display section for displaying a patch arrangement image in which there is arranged a plurality of patches associated with the coordinates of the first color space, and in addition, with respect to each of a plurality of color patches constituting the patch arrangement image, for displaying information as to whether a distance between two coordinates on the second color space, said two coordinates being associated with said coordinate value and two sorts of devices as well, is within the distance range designated by said distance range designation section.

11. A color reproduction characteristic display program storage medium storing a color reproduction characteristic display program which causes a computer to operate as a color reproduction characteristic display apparatus for displaying color reproduction characteristics wherein an association between coordinates of a first color space defining a color on image data and coordinates of a second color space defining a color on an image are defined

in accordance with a device for mediating between the image data and the image, said color reproduction characteristic display program comprising:

- 5 an image display section for displaying a patch arrangement image in which there is arranged a plurality of patches associated with the coordinates of the first color space, and in addition, with respect to each of a plurality of color patches constituting the patch arrangement image, for displaying a coordinate value on the first color space
- 10 associated with the patch designated by said patch designation section and information as to a distance between two coordinates on the second color space, said two coordinates being associated with said coordinate value and two sorts of devices as well, with numerical values in
- 15 order of the distance.